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(FILE 'HOME' ENTERED AT 08:56:24 ON 09 APR 2008)

FILE 'ZCAPLUS' ENTERED AT 08:57:03 ON 09 APR 2008

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E US2003-714763/APPS
L1      5 SEA ABB=ON PLU=ON US2003-714763/APPS
      D SCA
      E SOLID PHASE SYNTHESIS+ALL/CT
      E SOLID PHASE SYNTHESIS+SUPPORTS+ALL/CT
      E SOLID PHASE SYNTHESIS SUPPORTS+ALL/CT
L2      713 SEA ABB=ON PLU=ON SOLID PHASE SYNTHESIS SUPPORT?/OBI
L3      726 SEA ABB=ON PLU=ON SOLID PHASE SYNTHESIS SUPPORT?/BI
L4      121569 SEA ABB=ON PLU=ON SOLID PHASE/BI
L5      899107 SEA ABB=ON PLU=ON SUPPORT?/BI
L6      2705 SEA ABB=ON PLU=ON L4 (3A) L5
L7      20560 SEA ABB=ON PLU=ON L4 (3A) SYNTHES?/BI
L8      21207 SEA ABB=ON PLU=ON L3 OR L6 OR L7
L9      57 SEA ABB=ON PLU=ON L8 (L) QUATERN?/BI
L10     983 SEA ABB=ON PLU=ON L8 (L) MERRIFIELD?/BI
L11     9 SEA ABB=ON PLU=ON L9 AND L10
L12     1031 SEA ABB=ON PLU=ON (L9 OR L10 OR L11)

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FILE 'STNGUIDE' ENTERED AT 09:41:28 ON 09 APR 2008

FILE 'ZCAPLUS' ENTERED AT 09:41:43 ON 09 APR 2008

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E ONIUM COMPOUNDS+ALL/CT
L13     6185 SEA ABB=ON PLU=ON ONIUM COMPOUNDS+OLD/CT
L14     12 SEA ABB=ON PLU=ON L13 (L) L4
L15     3500 SEA ABB=ON PLU=ON PHOSPHONIUM COMPOUNDS/CT
L16     152514 SEA ABB=ON PLU=ON QUATERN?/BI
L17     199 SEA ABB=ON PLU=ON L15 (L) L16
L18     10 SEA ABB=ON PLU=ON L15 (L) L4
L19     41881 SEA ABB=ON PLU=ON QUATERNARY AMMONIUM/CW
L20     51 SEA ABB=ON PLU=ON L19 (L) L4
L21     2291 SEA ABB=ON PLU=ON SULFONIUM COMPOUNDS/CT
L22     32 SEA ABB=ON PLU=ON L21 (L) (TERTIAR?/BI OR TERNAR?/BI)
L23     1300 SEA ABB=ON PLU=ON QUATERNARY PHOSPHONIUM?/BI
L24     202 SEA ABB=ON PLU=ON (TERNAR?/BI OR TERTIAR?/BI) (W) SULFONIUM?/
      BI
L25     69109 SEA ABB=ON PLU=ON QUATERNARY AMMONIUM?/BI

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FILE 'REGISTRY' ENTERED AT 09:48:57 ON 09 APR 2008

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L26     1 SEA ABB=ON PLU=ON 16749-13-6
      D SCA
L27     1 SEA ABB=ON PLU=ON 14798-03-9
      D SCA
L28     1 SEA ABB=ON PLU=ON 18155-21-0

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FILE 'ZCAPLUS' ENTERED AT 09:50:03 ON 09 APR 2008

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L29     6 SEA ABB=ON PLU=ON L26 (L) L16
L30     0 SEA ABB=ON PLU=ON L26 (L) L4
L31     69 SEA ABB=ON PLU=ON L27 (L) L16
L32     25 SEA ABB=ON PLU=ON L27 (L) L4
L33     2 SEA ABB=ON PLU=ON L28 (L) (TERNAR?/BI OR TERTIAR?/BI)
L34     0 SEA ABB=ON PLU=ON L28 (L) L4

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FILE 'REGISTRY' ENTERED AT 09:53:48 ON 09 APR 2008

L35 1 SEA ABB=ON PLU=ON 102-82-9
D SCA
L36 1 SEA ABB=ON PLU=ON 594-09-2
D SCA
L37 1 SEA ABB=ON PLU=ON 603-35-0
D SCA
L38 1 SEA ABB=ON PLU=ON 998-40-3
D SCA
L39 1 SEA ABB=ON PLU=ON 4731-53-7
D SCA

FILE 'ZCAPLUS' ENTERED AT 09:54:58 ON 09 APR 2008

L40 414 SEA ABB=ON PLU=ON (L35 OR L36 OR L37 OR L38 OR L39) (6W)
(REACT?/BI (1W) PROD?/BI)
L41 59 SEA ABB=ON PLU=ON L40 (L) RESIN?/BI
L42 3 SEA ABB=ON PLU=ON L40 (L) BEAD?/BI
L43 7 SEA ABB=ON PLU=ON L40 (L) ?PARTICL?/BI
L44 20 SEA ABB=ON PLU=ON L40 (L) ?SUPPORT?/BI
L45 38 SEA ABB=ON PLU=ON L40 (L) (RACT OR RGT OR RCT)/RL
L46 12658 SEA ABB=ON PLU=ON ((L35 OR L36 OR L37 OR L38 OR L39)) (L)
(RACT OR RGT OR RCT)/RL
L47 1783 SEA ABB=ON PLU=ON (AMINES/CW (L) (TERTIAR?/BI)) (L) ((RACT
OR RGT OR RCT)/RL)

FILE 'STINGUIDE' ENTERED AT 10:00:42 ON 09 APR 2008

FILE 'ZCAPLUS' ENTERED AT 10:00:47 ON 09 APR 2008

L48 124968 SEA ABB=ON PLU=ON DNA/CT
L49 148863 SEA ABB=ON PLU=ON NUCLEIC ACID#/CW
L50 80118 SEA ABB=ON PLU=ON NUCLEOTIDE#/CW
L51 27997 SEA ABB=ON PLU=ON OLIGONUCLEOTID?/CW
L52 36486 SEA ABB=ON PLU=ON RNA/CT
E NUCLEIC ACID AMPLIFICATION/CT
L53 10964 SEA ABB=ON PLU=ON NUCLEIC ACID AMPLIFICATION/CW
L54 64613 SEA ABB=ON PLU=ON PCR/CW
L55 573800 SEA ABB=ON PLU=ON ?NUCLEIC ACID?/BI
L56 636092 SEA ABB=ON PLU=ON ?NUCLEOTID?/BI
L57 4862 SEA ABB=ON PLU=ON ((L48 OR L49 OR L50 OR L51 OR L52 OR L53
OR L54)) (L) PUR/RL
L58 10 SEA ABB=ON PLU=ON L12 AND ((L13 OR L14 OR L15 OR L16 OR L17
OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L29
OR L30 OR L31 OR L32 OR L33 OR L34 OR L40 OR L41 OR L42 OR L43
OR L44 OR L45 OR L46 OR L47)) AND (L48 OR L49 OR L50 OR L51 OR
L52 OR L53 OR L54 OR L55 OR L56 OR L57)
L59 46 SEA ABB=ON PLU=ON ((L8 OR L9 OR L10 OR L11 OR L12)) AND
((L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21
OR L22 OR L23 OR L24 OR L25 OR L29 OR L30 OR L31 OR L32 OR L33
OR L34 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR
L47)) AND (L48 OR L49 OR L50 OR L51 OR L52 OR L53 OR L54 OR
L55 OR L56 OR L57)

FILE 'REGISTRY' ENTERED AT 10:29:38 ON 09 APR 2008

L*** DEL 5527 S ?PORPHYRIN?/CNS
L*** DEL 2765 S L60 NOT SEQ?/FS
L*** DEL 41 S L61 AND C<1
L*** DEL ANALYZE L60 1- RID : 51 TERMS
D COST
D COST FULL
D
L*** DEL 2714 S L61 AND N>3

10/714763

L*** DEL 95238 S ?PORPHIN?/CNS
L*** DEL 94146 S L65 AND N>3
L*** DEL 94340 S L64 OR L66
L*** DEL ANALYZE L67 5000-5998 RID : 155 TERMS
D
D L63 1-10
L*** DEL 31148 S 9715/RID
L*** DEL 57603 S 9832/RID
L*** DEL 80449 S 14785/RID
L*** DEL 11913 S L67 NOT L69-L70
L*** DEL 2533 S L67 AND C<1
L*** DEL 24 S L73 AND A1/PG
L*** DEL 21 S L73 AND A2/PG
L*** DEL 702 S L73 AND FE/ELS
L*** DEL 9 S L73 AND AL/ELS
L*** DEL 195 S L76 AND M>1

FILE 'ZCAPLUS' ENTERED AT 11:06:11 ON 09 APR 2008
L60 46 SEA ABB=ON PLU=ON (L58 OR L59)
L61 6 SEA ABB=ON PLU=ON L58 NOT L1
D SCA
L62 6 SEA ABB=ON PLU=ON L61 AND L59
D SCA
L63 42 SEA ABB=ON PLU=ON L60 NOT L1
L64 18718 SEA ABB=ON PLU=ON QUATERNARY STRUCTURE/CT
L65 22 SEA ABB=ON PLU=ON L63 AND L64
D SCA
L66 24 SEA ABB=ON PLU=ON L60 NOT L65
L67 20 SEA ABB=ON PLU=ON L66 NOT L1
L68 21207 SEA ABB=ON PLU=ON (L8 OR L9 OR L10 OR L11)
L69 3037 SEA ABB=ON PLU=ON L68 AND (L48 OR L49 OR L50 OR L51 OR L52
OR L53 OR L54 OR L55 OR L56 OR L57)

FILE 'REGISTRY' ENTERED AT 11:40:16 ON 09 APR 2008

FILE 'ZCAPLUS' ENTERED AT 11:40:33 ON 09 APR 2008
L70 TRA PLU=ON L69 1- RN : 48078 TERMS

FILE 'REGISTRY' ENTERED AT 11:41:49 ON 09 APR 2008
L71 48071 SEA ABB=ON PLU=ON L70
L72 341445 SEA ABB=ON PLU=ON ?ONIUM?/CNS
L73 131 SEA ABB=ON PLU=ON L71 AND L72
L74 97980 SEA ABB=ON PLU=ON ?AMMONIUM?/CNS
L75 59843 SEA ABB=ON PLU=ON ?PHOSPHONIUM?/CNS
L76 25577 SEA ABB=ON PLU=ON ?SULFONIUM?/CNS
L77 110 SEA ABB=ON PLU=ON L71 AND (L74 OR L75 OR L76)

FILE 'ZCAPLUS' ENTERED AT 11:48:54 ON 09 APR 2008
L78 133 SEA ABB=ON PLU=ON L77 AND L69
D COST

FILE 'REGISTRY' ENTERED AT 11:51:39 ON 09 APR 2008
L79 956 SEA ABB=ON PLU=ON L71 AND C H N/ELF
L80 27 SEA ABB=ON PLU=ON L79 AND L77
L81 219039 SEA ABB=ON PLU=ON ?AMINIUM?/CNS
L82 89 SEA ABB=ON PLU=ON L71 AND L81

FILE 'ZCAPLUS' ENTERED AT 11:56:16 ON 09 APR 2008
L83 66 SEA ABB=ON PLU=ON L69 AND L82
L84 36 SEA ABB=ON PLU=ON L83 AND PY<2003

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L85      41 SEA ABB=ON   PLU=ON   L83 AND PY<2004
L86      28 SEA ABB=ON   PLU=ON   L83 AND PRY<2004
L87      26 SEA ABB=ON   PLU=ON   L83 AND AY<2004
L88      45 SEA ABB=ON   PLU=ON   (L85 OR L86 OR L87)
L89      38 SEA ABB=ON   PLU=ON   L83 AND P/DT
L90      28 SEA ABB=ON   PLU=ON   L83 NOT L89
L91      17 SEA ABB=ON   PLU=ON   L90 AND PY<2004
L92      23 SEA ABB=ON   PLU=ON   L89 AND PD<20031117
L93      28 SEA ABB=ON   PLU=ON   L89 AND PRD<20031117
L94      26 SEA ABB=ON   PLU=ON   L89 AND AD<20031117
L95      45 SEA ABB=ON   PLU=ON   (L91 OR L92 OR L93 OR L94)
L96      5 SEA ABB=ON   PLU=ON   L95 AND L66

      FILE 'REGISTRY' ENTERED AT 12:03:40 ON 09 APR 2008
L97      589 SEA ABB=ON   PLU=ON   L71 AND ?NIUM?/CNS
L98      126 SEA ABB=ON   PLU=ON   L97 AND P/ELS
L99      3 SEA ABB=ON   PLU=ON   F6P/MF
      SEL RN
L100     67246 SEA ABB=ON   PLU=ON   (16919-18-9/CRN OR 442869-00-3/CRN OR
      77958-67-9/CRN)
L101     77 SEA ABB=ON   PLU=ON   L98 NOT L100
      D SCA
L102     14 SEA ABB=ON   PLU=ON   L101 AND L75

      FILE 'ZCAPLUS' ENTERED AT 12:11:04 ON 09 APR 2008
L103     8 SEA ABB=ON   PLU=ON   L69 AND L102

      FILE 'REGISTRY' ENTERED AT 12:12:28 ON 09 APR 2008
L104     4 SEA ABB=ON   PLU=ON   L71 AND L76
      D SCA
L105     6656 SEA ABB=ON   PLU=ON   L71 AND S/ELS
      D COST

      FILE 'ZCAPLUS' ENTERED AT 12:14:53 ON 09 APR 2008
L106     4 SEA ABB=ON   PLU=ON   L104 AND L69
      D SCA
L107     56 SEA ABB=ON   PLU=ON   (L95 OR L96) OR L103 OR L106
L108     73 SEA ABB=ON   PLU=ON   L66 OR L107
L109     34 SEA ABB=ON   PLU=ON   L107 AND P/DT
L110     22 SEA ABB=ON   PLU=ON   L107 NOT L109
L111     19 SEA ABB=ON   PLU=ON   L110 AND PY<2004
L112     24 SEA ABB=ON   PLU=ON   L109 AND PD<20031117
L113     31 SEA ABB=ON   PLU=ON   L109 AND PRD<20031117
L114     28 SEA ABB=ON   PLU=ON   L109 AND AD<20031117
L115     50 SEA ABB=ON   PLU=ON   (L111 OR L112 OR L113 OR L114)
L116     6 SEA ABB=ON   PLU=ON   L66 AND L115
L117     18 SEA ABB=ON   PLU=ON   L66 NOT L116
L118     20 SEA ABB=ON   PLU=ON   L66 AND P/DT
L119     4 SEA ABB=ON   PLU=ON   L66 NOT L118
L120     10 SEA ABB=ON   PLU=ON   L118 AND PD<20031117
L121     13 SEA ABB=ON   PLU=ON   L118 AND PRD<20031117
L122     12 SEA ABB=ON   PLU=ON   L118 AND AD<20031117
L123     1 SEA ABB=ON   PLU=ON   L119 AND PY<2004
L124     14 SEA ABB=ON   PLU=ON   (L120 OR L121 OR L122 OR L123)
L125     73 SEA ABB=ON   PLU=ON   L66 OR (L95 OR L96) OR L103 OR L106
L*** DEL 6 S AKHAVAN?/BI
L126     509 SEA ABB=ON   PLU=ON   AKHAVAN?/AU
L127     141 SEA ABB=ON   PLU=ON   DESILVA R?/AU OR DE SILVA R?/AU
L128     1 SEA ABB=ON   PLU=ON   CILLI N?/AU
L129     8 SEA ABB=ON   PLU=ON   CRIPPS W?/AU

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L130 110 SEA ABB=ON PLU=ON HANDLEY R?/AU
 L131 132 SEA ABB=ON PLU=ON O CONNOR E?/AU
 L132 262 SEA ABB=ON PLU=ON REDDY L?/AU
 L133 35 SEA ABB=ON PLU=ON SIRIPURAPU S?/AU
 L134 4 SEA ABB=ON PLU=ON (L126 OR L127 OR L128 OR L129 OR L130 OR
 L131 OR L132 OR L133) AND L125
 L135 57 SEA ABB=ON PLU=ON L126 AND (L127 OR L128 OR L129 OR L130 OR
 L131 OR L132 OR L133)
 L136 18 SEA ABB=ON PLU=ON L127 AND (L128 OR L129 OR L130 OR L131 OR
 L132 OR L133)
 L137 1 SEA ABB=ON PLU=ON L128 AND (L129 OR L130 OR L131 OR L132 OR
 L133)
 L138 1 SEA ABB=ON PLU=ON L129 AND (L130 OR L131 OR L132 OR L133)
 L139 8 SEA ABB=ON PLU=ON L130 AND (L131 OR L132 OR L133)
 L140 1 SEA ABB=ON PLU=ON L131 AND (L132 OR L133)
 L141 2 SEA ABB=ON PLU=ON L132 AND L133
 L142 17 SEA ABB=ON PLU=ON L135 AND (L136 OR L137 OR L138 OR L139 OR
 L140 OR L141)
 L143 7 SEA ABB=ON PLU=ON L136 AND (L137 OR L138 OR L139 OR L140 OR
 L141)
 L144 1 SEA ABB=ON PLU=ON L137 AND (L138 OR L139 OR L140 OR L141)
 L145 1 SEA ABB=ON PLU=ON L138 AND (L139 OR L140 OR L141)
 L146 2 SEA ABB=ON PLU=ON L139 AND (L140 OR L141)
 L147 1 SEA ABB=ON PLU=ON L140 AND L141
 L148 17 SEA ABB=ON PLU=ON (L142 OR L143 OR L144 OR L145 OR L146 OR
 L147)

FILE 'REGISTRY' ENTERED AT 12:27:28 ON 09 APR 2008

FILE 'ZCAPLUS' ENTERED AT 12:27:32 ON 09 APR 2008

D STAT QUE L134

D STAT QUE L148

L149 18 SEA ABB=ON PLU=ON L134 OR L148

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 12:28:07 ON 09 APR 2008

FILE 'MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:28:15 ON 09 APR 2008

L150 24 SEA ABB=ON PLU=ON L148

FILE 'ZCAPLUS, MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:28:32 ON 09
APR 2008

L151 29 DUP REM L149 L150 (13 DUPLICATES REMOVED)

ANSWERS '1-18' FROM FILE ZCAPLUS

ANSWERS '19-28' FROM FILE BIOSIS

ANSWER '29' FROM FILE WPIX

D IBIB ABS HITIND L151 1-18

D IALL L151 19-29

FILE 'REGISTRY' ENTERED AT 12:29:39 ON 09 APR 2008

FILE 'ZCAPLUS' ENTERED AT 12:29:42 ON 09 APR 2008

D STAT QUE L124

D STAT QUE L115

D STAT QUE L116

L152 50 SEA ABB=ON PLU=ON (L115 OR L116)

L153 8 SEA ABB=ON PLU=ON L124 NOT L152

L154 58 SEA ABB=ON PLU=ON L124 OR L115 OR L116

L155 58 SEA ABB=ON PLU=ON L154 NOT (L134 OR L148)

D IBIB ABS HITIND HITSTR L155 1-58